

Interim Assembly Sequence, Revision E DCN-04

Launch Date	Flight	Delivered Elements
20-Nov-98	1A/R	FGB (Launched on PROTON launcher)
4-Dec-98	2A	Node 1 (1 Stowage rack), PMA1, PMA2, 2 APFRs (on Sidewall)
27-May-99	2A.1	Spacehab Double Cargo Module; OTD, Strela Components (on ICC)
13-Apr-00	2A.2a	Spacehab Double Cargo Module; Strela Components (on ICC)
12-Jul-00	1R	Service Module (Launched on PROTON launcher)
31-Jul-00	1P	Progress-M1
19-Aug-00	2A.2b	Spacehab Double Cargo Module; ICC
14-Sep-00	2P	Progress-M1
21-Sep-00	3A	Z1 truss, CMGs, Ku-band, S-band Equip; PMA3, ETSD (SLP); 2 Z1 DDCUs (Sidewall)
30-Oct-00	2R	Soyuz -TM (a)
30-Nov-00	4A	P6, PV Array (6 battery sets) / EEATCS radiators, S-band Transponder
12-Dec-00	3P	Progress-M
18-Jan-01	5A	Lab (5 Lab System racks); PDGF, SASA (on Sidewalls)
1-Feb-01	4P	Progress-M1
9-Feb-01	4R	Docking Compartment 1 (DC1), Strela
15-Feb-01	5A.1	Lab Outfitting (6 Sys racks, RSRs, RSPs, ISPR) (on MPLM); EAS, PFCS, LCA, ESP, and RU (on ICC) (c)
12-Apr-01	5P	Progress-M
19-Apr-01	6A	RSPs, RSRs, ISPRs (on MPLM); UHF; DCSU (on Sidewall); SSRMS (on SLP) - (b)
30-Apr-01	2S	Soyuz - TM
17-May-01	7A	Airlock, HP gas (2 O2, 2 N2) (on SLDP)
18-Jun-01	6P	Progress-M1
21-Jun-01	7A.1	RSRs, RSPs, ISPRs (on MPLM); SM MMOD Shields, SPP PWP, OTD (on ICC); APFRs (Sidewall) (c).
23-Aug-01	UF1	ISPR, RSRs, RSPs, MELFI (on MPLM)
5-Sep-01	7P	Progress-M1

(a) - 3 Person Permanent International Human Presence Capability

(b) - Microgravity Capability

(c) - 3 ISS crew member rotation

All following pages of this document will be updated to reflect this assembly sequence schedule in a subsequent revision.

Assembly Sequence Revision E, DCN-04 Planning Reference (For Planning Purposes Only, Pending Space Station Control Board Approval)

Launch Date	Flight	Delivered Elements
Oct-01	8A	S0, MT, GPS, Umbilicals, A/L Spur (c)
Oct-01	3S	3 Soyuz-TMA
Jan-02	UF2	ISPRs, RSRs, RSPs (MPLM); MBS; PDGF (Sidewalls)
Feb-02	9A	S1 (3 rads), TCS, CETA (1), S-band
Apr-02	4S	4 Soyuz-TM (c)
May-02	11A	P1 (3 rads), TCS, CETA (1), UHF
Jun-02	9A.1	Science Power Platform w/ 4 solar arrays and ERA
Sep-02	12A	P3/4, PV Array (4 battery sets), 2 ULCAs
Sep-02	5S	5 Soyuz-TMA (c)
Oct-02	12A.1	ISPR, RSRs, RSPs (MPLM); P5 w/Radiator OSE (c)
Jan-03	13A	S3/4, PV Array (4 battery sets), 4 PAS
TBS	3R	Universal Docking Module (UDM)
TBS	5R	Docking Compartment 2 (DC 2)
Feb-03	10A	Node 2 (4 DDCU racks); NTA (on Sidewall)
Mar-03	6S	6 Soyuz-TMA
May-03	10A.1	Propulsion Module
Jun-03	1J/A	ELM PS (4 Sys, 3 ISPRs, 1 Stow); 2 SPP SA w/truss, SM MMOD Shields (ULC)
Aug-03	7S	7 Soyuz-TMA
Sep-03	1 J	JEM PM (4 JEM Sys racks), JEM RMS
Oct-03	UF3	ISPRs, 1 JEM rack, RSPs (on MPLM); Express Pallet w/ Payloads
Jan-04	UF4	Truss Attach Site P/L; Express Pallet w/ Payloads; ATA, SPDM (SLP)
Feb-04	8S	8 Soyuz-TMA
Feb-04	2J/A	JEM EF, ELM-ES w/ EF Payload, ICS, and SFA; 4 PV battery sets (on SLP)
TBS	9R	Docking & Stowage Module (DSM) (FGB module type)
May-04	14A	2 SPP SA w/truss, 4 SM MMOD Wings (ULC); Cupola (SLP); MT/CETA Port Rails (SLP)
Jun-04	UF5	ISPRs, RSPs (on MPLM); Express Pallet w/ Payloads
Aug-04	9S	9 Soyuz-TMA
Sep-04	20A	Node 3 (2 Avionics, 2 ECLSS racks)
Oct-04	1E	APM (ISPRs)
TBS	8R	Research Module #1 (RM-1)
Jan-05	17A	1 Lab Sys, 4 Node 3 Sys, 2 CHeCS, RSPs, ISPRs (MPLM) - (d)
Jan-05	10S	10 Soyuz-TMA
Feb-05	18A	CRV #1, CRV adapter - (e)
Mar-05	19A	RSPs, 1 RSR, ISPRs, 4 Crew Qtrs. (on MPLM); S5 - (f)
May-05	15A	S6, PV Array (4 battery sets), Std MT/CETA rails
TBS	10R	Research Module #2 (RM-2)
Jun-05	UF7	Centrifuge Accommodations Module (CAM)
Jul-05	11S	11 Soyuz-TMA
Jul-05	UF6	RSPs, ISPRs (on MPLM); 2 PV battery sets (on SLP)
Sep-05	16A	Hab (5 Hab sys racks, RSRs, ISPRs) - (g)

(c) - 3 ISS crew member rotation

(d) - 6 Person USOS ECLSS Capability

(e) - 6 Person Permanent International Human Presence Capability

(f) - Rack traffic assumes transition to 6 person crew on 19A.

(g) - 7 person permanent crew capability

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2/24/00 10:00 AM